

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-37. (canceled)

38. (currently amended) A system for determining a GNSS-defined position of a single point on a structure, which system comprises:

master and slave GNSS receivers;

master and slave antennas connected to said master and slave receivers respectively

and mounted in fixed relation relative to each other on said structure, said

structure at least partially blocking GNSS signals from said antennas;

a common clock or synchronized clocks connected to said receivers;

~~a non-GNSS an~~ orientation device mounted on said structure ~~and adapted~~ for

determining its orientation; ~~and~~

~~means for computing a GNSS-defined position solution for said point utilizing the~~

~~output of said receivers and said orientation device in unison where: (1) GNSS~~

~~signals received by said antennas are sampled at the same instant by operation~~

~~of said common clock or synchronized clocks; (2) the orientation of said~~

~~structure is input into the means for computing a position solution and utilized~~

~~thereby for determining a non-relative, GNSS-defined position of said point;~~

~~and (3) GNSS positioning information from said receivers is incomplete due to~~

~~said structure at least partially blocking GNSS signals from at least one of said~~

~~antennas;~~

computing means for determining the master antenna position using signals from

both said master and slave antennas; and

said computing means further determining the GNSS-defined position of the

single point on the structure using: (1) the position of the master antenna;

(2) a known spatial relation of the master antenna to said single point; and

(3) the orientation of the structure.

39. (canceled)

40. (canceled)

41. (previously presented) The system according to claim 38 wherein
said master and slave receivers are incorporated into a single receiver unit.

42. (canceled)

43. (previously presented) The system according to claim 38 wherein
said orientation device comprises a compass.

44. (canceled)

45. (previously presented) The system according to claim 38 wherein
said structure comprises a marine vessel.

46. (previously presented) The system according to claim 38 wherein
said structure is terrestrial.

47. (canceled)